AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Application No. 10/089,676

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A communication system comprising:

a first microcomputer having a communication function for outputting a data signal including data frames, each including a plurality of data bits and having a data time Td and a transmission period Tp, and sending various data that are processed by itself and carried on said data signal; and

a second microcomputer for receiving and sequentially storing said data signal, sequentially storing said data frames in a memory, and reading and processing said various data frames by timing pulses, wherein said data time Td and said transmission period Tp have a relation of Td<Tp/2.

2. (Currently Amended) The communication system according to claim 1, wherein a relation of Tr=Tp is theoretically provided between the transmission period Tp and the is substantially equal to a timing pulse period Tr of the timing pulses.

3. (Currently Amended) The communication system according to claim 1, wherein the relation between the transmission period Tp and [[the]] a timing pulse period Tr of the timing

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<u>pulses</u> is set in such a manner that at least a piece of data readable from the memory is included in a period between a timing pulse and [[the]] <u>a</u> next timing pulse.

4. (Currently Amended) The communication system according to claim 1, wherein a ~~relation of Tr=2Tp is theoretically provided between~~ the transmission period Tp ~~and the~~ <u>substantially equal to Tr/2 where Tr is a</u> timing pulse period [[Tr]] <u>of the timing pulses</u>.